



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 43487	SERIAL NO. 10/087,016
	APPLICANT John M. Belcea	
	FILING DATE March 15, 2002	GROUP 2661

U.S. Patent Documents

Examiner Initial	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
✓	6,349,210	02/19/02	Li	455	450	11/03/00
✓	6,349,091	02/19/02	Li	370	238	11/07/00
✓	6,327,300	12/04/01	Souissi et al.	375	219	10/25/99
✓	6,304,556	10/16/01	Haas	370	254	08/24/98
✓	6,285,892	09/04/01	Hulyalkar	455	574	11/24/98
✓	6,275,707	08/14/01	Reed et al.	455	456	10/08/99
✓	6,249,516	06/19/01	Brownrigg et al.	370	338	01/27/00
✓	6,246,875	06/12/01	Seazholtz et al.	455	432	03/26/99
✓	6,240,294	05/29/01	Hamilton et al.	455	456	05/30/97
✓	6,223,240	04/24/01	Odenwald et al.	710	129	01/31/00
✓	6,208,870	03/27/01	Lorello et al.	455	466	06/01/99
✓	6,192,230	02/20/01	Van Bokhorst et al.	455	343	09/27/93
✓	6,192,053	02/20/01	Angelico et al.	370	448	09/07/95
✓	6,178,337	01/23/01	Spartz et al.	455	561	06/19/97
✓	6,163,699	12/19/00	Naor et al.	455	453	09/15/97
✓	6,147,975	11/14/00	Bowman-Amuah	370	252	06/02/99
✓	6,132,306	10/17/00	Trompower	453	11.1	03/29/96
✓	6,130,881	10/10/00	Stiller et al.	370	238	04/20/98
✓	6,122,690	09/19/00	Nannetti et al.	710	102	04/17/98
✓	6,115,580	09/05/00	Chuprun et al.	455	1	09/08/98
✓	6,108,738	08/22/00	Chambers et al.	710	113	06/10/97
✓	6,104,712	08/15/00	Robert et al.	370	389	02/22/99
✓	6,078,566	06/20/00	Kikinis	370	286	04/28/98
✓	6,067,291	05/23/00	Kamerman et al.	370	338	09/23/97
✓	6,064,626	05/16/00	Stevens	365	233	07/31/98
✓	6,052,752	04/18/00	Kwon	710	126	11/14/96
✓	6,052,594	04/18/00	Chuang et al.	455	450	04/30/97
✓	6,047,330	04/04/00	Stracke Jr.	709	238	01/20/98
✓	6,044,062	03/28/00	Brownrigg et al.	370	238	12/06/96
✓	6,034,542	03/07/00	Ridgeway	326	39	10/14/97
✓	6,029,217	02/22/00	Arimilli et al.	710	107	10/03/94
✓	6,028,853	02/22/00	Haartsen	370	338	06/06/97
✓	5,991,279	12/23/99	Haugli et al.	370	311	12/04/96
✓	5,987,033	11/16/99	Boer et al.	370	445	09/08/97
✓	5,987,011	11/16/99	Toh	370	331	08/30/96
✓	5,943,322	08/24/99	Mayor et al.	370	280	04/24/96
✓	5,936,953	08/10/99	Simmons	370	364	12/18/97

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✓	5,909,651	06/01/99	Chander et al.	455	466	05/05/97
✓	5,903,559	05/11/99	Acharya et al.	370	355	12/20/96
✓	5,896,561	04/20/99	Schrader et al.	455	67.1	12/23/96
✓	5,886,992	03/23/99	Raatikainen et al.	370	410	04/15/97
✓	5,881,372	03/09/99	Kruys	455	113	12/01/95
✓	5,881,095	03/09/99	Cadd	375	202	05/01/97
✓	5,877,724	03/03/99	Davis	342	357	03/25/97
✓	5,870,350	02/09/99	Bertin et al.	365	233	05/21/97
✓	5,857,084	01/05/99	Klein	395	309	10/02/96
✓	5,845,097	12/01/98	Kang et al.	395	297	06/03/96
✓	5,844,905	12/01/98	McKay et al.	370	443	07/09/96
✓	5,822,309	10/13/98	Ayanoglu et al.	370	315	06/15/95
✓	5,809,518	09/15/98	Lee	711	115	05/20/96
✓	5,805,977	09/08/98	Hill et al.	455	31.3	04/01/96
✓	5,805,842	09/08/98	Nagarajet al.	395	306	09/26/95
	5,805,593	09/08/98	Busche	370	396	09/26/95
✓	5,796,741	08/18/98	Saito et al.	370	439	03/05/96
✓	5,796,732	08/18/98	Mazzola et al.	370	362	03/28/96
✓	5,794,154	08/11/98	Bar-On et al.	455	509	07/26/96
✓	5,787,080	07/28/98	Hulyalkar et al.	370	348	06/03/96
✓	5,781,540	07/14/98	Malcolm et al.	370	321	06/30/95
✓	5,774,876	06/30/98	Wooley et al.	705	28	06/26/96
✓	5,745,483	04/28/98	Nakagawa et al.	370	335	09/29/95
✓	5,717,689	02/10/98	Ayanoglu	370	349	10/10/95
✓	5,706,428	01/06/98	Boer et al.	395	200	03/14/96
✓	5,701,294	12/23/97	Ward et al.	370	252	10/02/95
✓	5,696,903	12/09/97	Mahany	395	200.58	04/29/94
✓	5,687,194	11/11/97	Paneth et al.	375	283	04/22/93
✓	5,684,794	11/04/97	Lopez et al.	370	337	01/25/96
✓	5,680,392	10/21/97	Semaan	370	261	01/16/96
✓	5,652,751	07/29/97	Sharony	370	227	03/26/96
✓	5,644,576	07/01/97	Bauchot et al.	370	437	05/16/95
✓	5,631,897	05/20/97	Pacheco et al.	370	237	10/01/93
✓	5,627,976	05/06/97	McFarland et al.	395	308	03/20/95
✓	5,623,495	04/22/97	Eng et al.	370	397	06/15/95
✓	5,621,732	04/15/97	Osawa	370	79	04/18/95
✓	5,618,045	04/08/97	Kagan et al.	463	40	02/08/95
✓	5,615,212	03/25/97	Ruszczuk et al.	370	433	09/11/95



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		Patent No.	Date	Patentee	Class	Sub-class	Filing Date
✓		5,572,528	11/05/96	Shuen	370	85.13	03/20/95
✓		5,555,540	09/10/96	Radke	370	16.1	02/17/95
✓		5,555,425	09/10/96	Zeller et al.	395	800	03/07/90
✓		5,517,491	05/14/96	Nanni et al.	370	29	05/05/95
✓		5,502,722	03/26/96	Fulghum	370	69.1	08/01/94
✓		5,424,747	06/13/95	Chazelas	342	70	04/09/93
✓		5,412,654	05/02/95	Perkins	370	94.1	01/10/94
✓		5,392,450	02/21/95	Nossen	455	12.1	01/08/92
✓		5,317,566	05/31/94	Joshi	370	60	08/18/93
✓		5,241,542	08/31/93	Natarajan et al.	370	95.3	08/23/91
✓		5,233,604	08/03/93	Ahmadi et al.	370	60	04/28/92
✓		5,231,634	07/27/93	Giles et al.	370	95.1	12/18/91
✓		5,068,916	11/26/91	Harrison et al.	455	39	10/29/90
✓		5,034,961	07/23/91	Adams	375	130	06/03/88
✓		4,910,521	03/20/90	Mellon	342	45	08/03/31
✓		4,747,130	05/24/88	Ho	379	269	12/17/85
✓		4,742,357	05/03/88	Rackley	342	457	09/17/86
✓		4,736,371	04/05/88	Tejima et al.	370	95	12/29/86
✓		4,617,656	10/14/86	Kobayashi et al.	370	74	01/02/86
✓		4,494,192	01/15/85	Lew et al.	364	200	07/21/82

Published U.S. Patent Application

		Pub. No.	Pub. Date	Patentee	Class	Sub-class	Filing Date
✓		2001/0053699	12/20/01	McCrady et al.	455	513	02/06/01

Foreign Patent Documents or Foreign Patent Applications

		Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
✓		EP 0513841 A2	11/19/92	EPO			X	
✓		EP 0924890 A2	06/23/99	EPO			X	
✓		EP 0627827 A2	12/07/94	EPO			X	
✓		WO 9912302	03/11/99	WIPO			X	
✓		WO 9839936	09/11/98	WIPO			X	



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Foreign Patent Documents or Foreign Patent Applications									
W		WO 9724005	07/03/97	WIPO			X		
W		WO 9608884	03/21/96	WIPO			X		
W		WO 0235253	05/02/02	WIPO			X		
W		WO 0137483	05/25/01	WIPO			X		
W		WO 0137482	05/25/01	WIPO			X		
W		WO 0137481	05/25/01	WIPO			X		
W		WO 0135567	05/17/01	WIPO			X		
W		WO 0133770	05/10/01	WIPO			X		
W		WO 0110154	02/08/01	WIPO			X		
W		WO 0034932	06/15/00	WIPO			X		
W		CA 2132180	03/16/96	Canada			X		
W		FR 2683326	07/05/93	France				X	
Other Documents (including Author, Title, Date, Pertinent Pages, etc.)									
Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication							
W		Wong et al., "Soft Handoffs in CDMA Mobile Systems", December 1997, IEEE Personal Communications							
W		Wong et al., "A Pattern Recognition System for Handoff Algorithms", July 2000, IEEE Journal on Selected Areas in Communications, vol. 18, no. 7							
W		Andras G. Valko, "Cellular IP: A New Approach to Internet Host Mobility", January 1999, ACM Computer Communication Review							
W		Richard North, Dale Bryan and Dennis Baker, "Wireless Networked Radios: Comparison of Military, Commercial, and R&D Protocols", February 28-March 3, 1999, 2 nd Annual UCSD Conference on Wireless Communications, San Diego CA							
W		Benjamin B. Peterson, Chris Kmiecik, Richard Hartnett, Patrick M. Thompson, Jose Mendoza and Hung Nguyen, "Spread Spectrum Indoor Geolocation", August 1998, Navigation: Journal of the Institute of Navigation, vol. 45, no. 2, summer 1998							
W		Josh Broch, David A. Maltz, David B. Johnson, Yih-Chun Hu and Jorjeta Jetcheva, "A Performance Comparison of Multi-Hop Wireless Ad Hoc Network Routing Protocols", October 25-30, 1998, Proceedings of the 4 th Annual ACM/IEEE International Conference on Mobile Computing and Networking							
W		C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol"							
W		Chip Elliott and Bob Heile, "Self-Organizing, Self-Healing Wireless Networks", 2000 IEEE							
W		J.J. Garcia-Luna-Aceves and Asimakis Tzamaloukas, "Reversing the Collision-Avoidance Handshake in Wireless Networks"							

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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)			
W		J.J. Garcia-Luna-Aceves and Marcelo Spohn, "Transmission-Efficient Routing in Wireless Networks Using Link-State Information"	
W		J.J. Garcia-Luna-Aceves and Ewerton L. Madruga, "The Core-Assisted Mesh Protocol", August 1999, IEEE Journal on Selected Areas in Communications, vol. 17, no. 8	
W		Ad Kamerman and Guido Aben, "Net Throughput with IEEE 802.11 Wireless LANs"	
W		J.R. McChesney and R.J. Saulitis, "Optimization of an Adaptive Link Control Protocol for Multimedia Packet Radio Networks"	
W		Ram Ramanathan and Regina Rosales-Hain, "Topology Control of Multihop Wireless Networks using Transmit Power Adjustment"	
W		Ram Ramanathan and Martha E. Steenstrup, "Hierarchically-Organized, Multihop Mobile Wireless Networks for Quality-of-Service Support"	
W		Martha E. Steenstrup, "Dynamic Multipoint Virtual Circuits for Multimedia Traffic in Multihop Mobile Wireless Networks"	
W		Zhenyu Tang and J.J. Garcia-Luna-Aceves, "Collision-Avoidance Transmission Scheduling for Ad-Hoc Networks"	
W		George Vardakas and Wendell Kishaba, "QoS Networking With Adaptive Link Control and Tactical Multi-Channel Software Radios"	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			